LAP7 Rec'd PCT/PTO 10 MAY 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES			ATTORNEY'S DOCKET NUMBER				
DESIGNATED/ELECTED OFFICE (DO/EO/US)			. 65486(70820) U.S. ARPLICATION NO. (It known, see 37 CFR 1.5)				
		ON UNDER 35 U.S.C. 371	11/5/91118				
	IAL APPLICATION NO. 7/JP2004/016314	INTERNATIONAL FILING DATE 4 November 2004	PRIORITY DATE CLAIMED 14 November 2003				
TITLE OF INVE		Davis					
	or Light Emitting/Receiving ) FOR DO/EO/US	Device					
Yorishige Ishi	ii						
Applicant herev	with submits to the United Sta	tes Designated/Elected Office (DO/EO/	(US) the following items and other information:				
1. X This is	s a FIRST submission of item	s concerning a submission under 35 U.	S.C. 371.				
2. This is	2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
	3. X This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. The US has been elected (Article 31).							
5. x A copy of the International Application as filed (35 U.S.C. 371 (c)(2))							
ais	a. is attached hereto (required only if not communicated by the International Bureau).						
b. x h	as been communicated by the	International Bureau.					
c. is	not required, as the applicati	ion was filed in the United States Received	ving Office (RO/US).				
6. X An En	nglish language translation of	the International Application as filed (35	5 U.S.C. 371(c)(2)).				
a. x is	s attached hereto.						
b h	as been previously submitted	under 35 U.S.C. 154(d)(4).					
7. x Amen	ndments to the claims of the In	nternational Application under PCT Artic	de 19 (35 U.S.C. 371(c)(3))				
a a	re attached hereto (required o	only if not communicated by the Internal	tional Bureau).				
b h	b. have been communicated by the International Bureau.						
c. have not been made; however, the time limit for making such amendments has NOT expired.							
d. x h	ave not been made and will n	ot be made.					
8. An En	nglish language translation of	the amendments to the claims under Po	CT Article 19 (35 U.S.C. 371(c)(3)).				
9. x An oa	ath or declaration of the invent	or(s) (35 U.S.C. 371(c)(4)).					
	nglish language translation of e 36 (35 U.S.C. 371(c)(5)).	the annexes of the International Prelimi	inary Examination Report under PCT				
Items 11 to	o 20 below concern docum	ment(s) or information included:					
11. x An In	formation Disclosure Statem	nent under 37 CFR 1.97 and 1.98.					
12. x An as	signment document for record	ding. A separate cover sheet in complia	ance with 37 CFR 3.28 and 3.31 is included.				
13. A prel	liminary amendment.						
14 An Ap	oplication Data Sheet under	37 CFR 1.76.					
15 A sub	stitute specification.						
16. A pov	6. A power of attorney and/or change of address letter.						
17 A con	7. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.						
18 A sec	A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
19 A sec	cond copy of the English lang	uage translation of the international ap	pplication under 35 U.S.C. 154(d)(4).				

### JAP20 Rec'd PCT/PTO 10 MAY 2006

PTO-1390 (Rev. 07-2005)
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER INTERNATIONAL APPLICATION NO. U.S. APPLICATION NO (if known, 65486(70820) PCT/JP2004/016314 Return Receipt Postcard; Forms PCT/IB/301, 304, 307 and 308 (Second and Other items or information: Supplementary Notice); Cover Sheet of International Publication WO2005/048359 A1, including copy of International Search Report PTO USEONLY CALCULATIONS The following fees have been submitted \$ 300.00 Basic national fee (37 CFR 1.492(a))...... \$300 21. x Examination fee (37 CFR 1.492(c)) 22. x If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)....... 200.00 \$ All other situations Search fee (37 CFR 1.492(b)) 23.| x| If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an 400.00 All other situations. 900.00 \$ TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction RATE **Total Sheets** Extra Sheets thereof (round up to a whole number) \$ x \$250.00 42 - 100 = Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). RATE NUMBER FILED NUMBER EXTRA CLAIMS 0.00 9 - 20 = Total claims 0.00 2 - 3 = Independent claims + MULTIPLE DEPENDENT CLAIM(S) (if applicable) 900.00 TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. \$ 900.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). 900.00 \$ TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property \$ 40.00 \$ 940.00 \$ TOTAL FEES ENCLOSED = Amount to be \$ refunded: Amount to be \$ charged

10/579008

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. to cover the above fees is enclosed. A check in the amount of \$ to cover the above fees. 940.00 04-1105 in the amount of \$ Please charge my Deposit Account No. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit b. х Account No. 04-1105 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: David G. Conlin EDWARDS ANGELL PALMER & DODGE LLP Peter J. Manus NAME P.O. Box 55874 Boston, Massachusetts 02205 (617) 439-4444 26,766 REGISTRATION NUMBER CUSTOMER NUMBER: 21874

# IAP20 Rec'd PCT/PTO 10 MAY 2006

Application No. (if known): Not Yet Assigned

: : . .

Attorney Docket No.: 65486(70820)

## Certificate of Express Mailing Under 37 CFR 1.10

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MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on <u>May 10, 2006</u>
Date

Laurie Brown				
Signature				
Laurie Brown  Typed or printed name of person signing Certificate				
26,766 Telephone Number Registration Number, if applicable	_			

Note:

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Transmittal Letter to the United States Designated-Elected Office (3 pages)

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 65486(70820)

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/ Signature				
Laurie Brown				
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each submitted paper.

Transmittal Letter to the United States Designated Elected Office and Certificate of

Express Mailing (4 pages)

English language translation of the International Application (29 pages)

Claims (4 pages); Abstract (1 page)

Combined Declaration and Power of Attorney (4 pages)

Assignment (2 pages)

Recordation Form Cover Sheet (1 page)

IDS (Citation) by Applicant (9 references) and Certificate of Express

Mailing (2 pages)

Information Disclosure Statement (2 pages)

Copies of non-U.S. Patent citations

Forms PCT/IB301, 304, 307, and 308 (Second and Supplementary

Notice)

Copies of cover sheet of WO2005/048359 with attached International

Search Report

Charge \$940.00 to Deposit Account No. 04-1105

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 65486(70820)

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on <u>May 10, 2006</u>
Date

Agerre Blown					
Signature					
, Laurie Brown					
Typed or printed name of person signing Certificate					
26,766					
Registration Number, if applicable	Telephone Number				

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS (Citation) by Applicant (9 References) (1 page)